

WHAT IS CLAIMED IS:

1. An ink jet head unit, comprising:

a base board;

an ink jet head mounted on the base board, for emitting
5 ink in a form of droplets from nozzles formed in a nozzle face;

a driving circuit for driving the ink jet head, mounted
on the base board, on the same surface side as the ink jet
head;

a groove section provided in the base board, on the same
10 surface side as the ink jet head, and extending from the nozzle
face of the ink jet head to the driving circuit;

a temperature measuring section mounted on the ink jet
head, positioned in the groove section, for measuring
temperatures of the ink jet head; and

15 a sealing member installed in the groove section to
prevent ink emitted from the nozzles, from flowing into the
driving circuit,

wherein the sealing member is partly an elastic body.

2. An ink jet head unit according to claim 1, wherein the
20 elastic body partly appears from the sealing member.

3. An ink jet head unit according to claim 2, wherein the
elastic body appearing from the sealing member is partly
positioned oppositely to the side where the sealing member
comes into contact with ink.

25 4. An ink jet head unit according to claim 2, wherein the

elastic body has a resistance to ink.

5. An ink jet head unit, comprising:

a base board;

an ink jet head mounted on the base board, for emitting
5 ink in a form of droplets from nozzles formed in a nozzle face;

a driving circuit for driving the ink jet head, mounted
on the base board, on the same surface side as the ink jet
head;

a groove section provided in the base board, on the same
10 surface side as the ink jet head, and extending from the nozzle
face of the ink jet head to the driving circuit;

a temperature measuring section mounted on the ink jet
head, positioned in the groove section, for measuring
temperatures of the ink jet head; and

15 a sealing member installed in the groove section to
prevent ink emitted from the nozzles, from flowing into the
driving circuit,

wherein the sealing member is partly a foamed body.

6. An ink jet head unit according to claim 5, wherein the
20 foamed body appears partly from the sealing member.

7. An ink jet head unit according to claim 6, wherein the
foamed body appearing from the sealing member is partly
positioned oppositely to the side where the sealing member
comes into contact with ink.

25 8. An ink jet head unit according to claim 6, wherein the

foamed body has a resistance to ink, and is a closed-cell foamed body.

9. An ink jet head unit, comprising:

a base board;

5 an ink jet head mounted on the base board, for emitting ink in a form of droplets from nozzles formed in a nozzle face;

a driving circuit for driving the ink jet head, mounted on the base board, on the same surface side as the ink jet head;

10 a groove section provided in the base board, on the same surface side as the ink jet head, and extending from the nozzle face of the ink jet head to the driving circuit;

a temperature measuring section mounted on the ink jet head, positioned in the groove section, for measuring
15 temperatures of the ink jet head; and

a sealing member installed in the groove section to prevent ink emitted from the nozzles, from flowing into the driving circuit,

wherein the sealing member is a closed-cell foamed body.